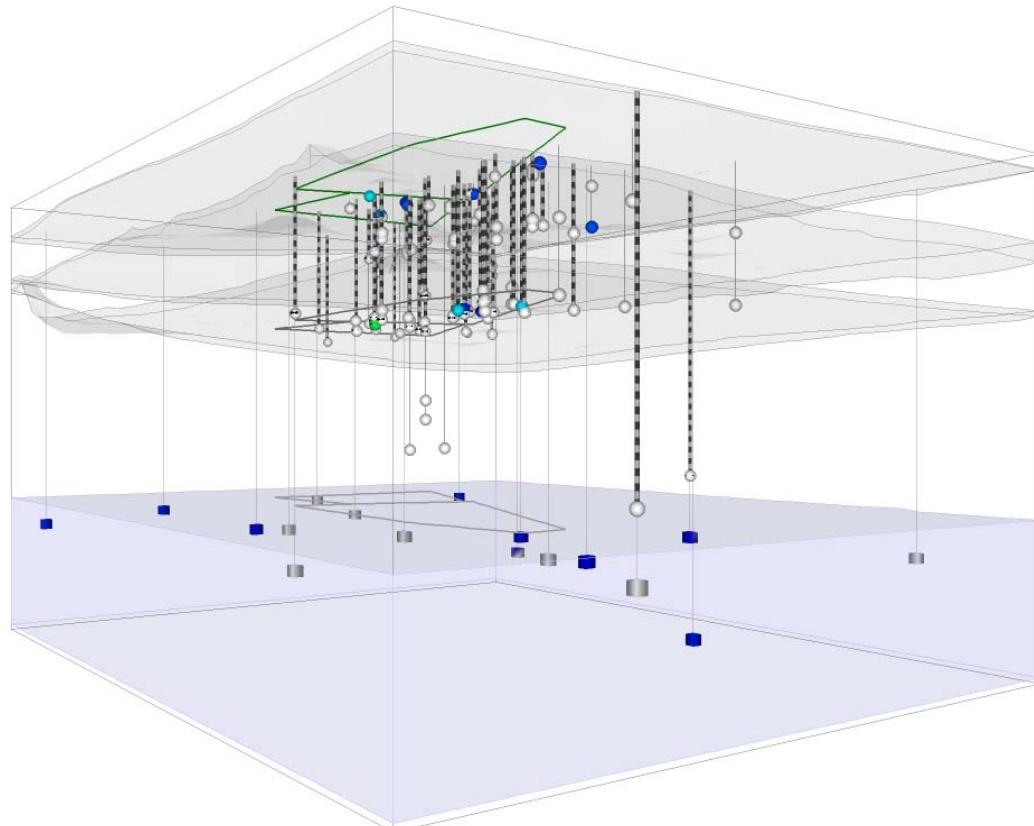


#### Waste streams containing neptunium-237.

Waste Stream Code	Portion in Waste Stream (%)	Inventory (Ci)	Waste Stream Description
TRA-632-2N	24.9	3.52E-02	Hot cell waste
LLW-trash	16.1	2.28E-02	2000 to 2009 miscellaneous low-level waste
TRA-603-28N	13.9	1.96E-02	Miscellaneous contaminated material
TRA-603-9N	8.9	1.26E-02	Fuel material (solids, not dissolved)
ANL-MOD-5H	7.9	1.12E-02	General plant waste, mostly from decontamination (1952 to 1983)
Materials and Fuels Complex	15.9	2.25E-02	Other Materials and Fuels Complex waste (see Table 4-4)
INL Site	12.4	1.74E-02	Other INL Site-generated waste (see Table 4-4)
<b>Total Np-237</b>	<b>100.0</b>	<b>1.41E-01</b>	

Figure 4-100. Plan view and three-dimensional views of neptunium-237 in vadose zone core, lysimeters, and the aquifer.



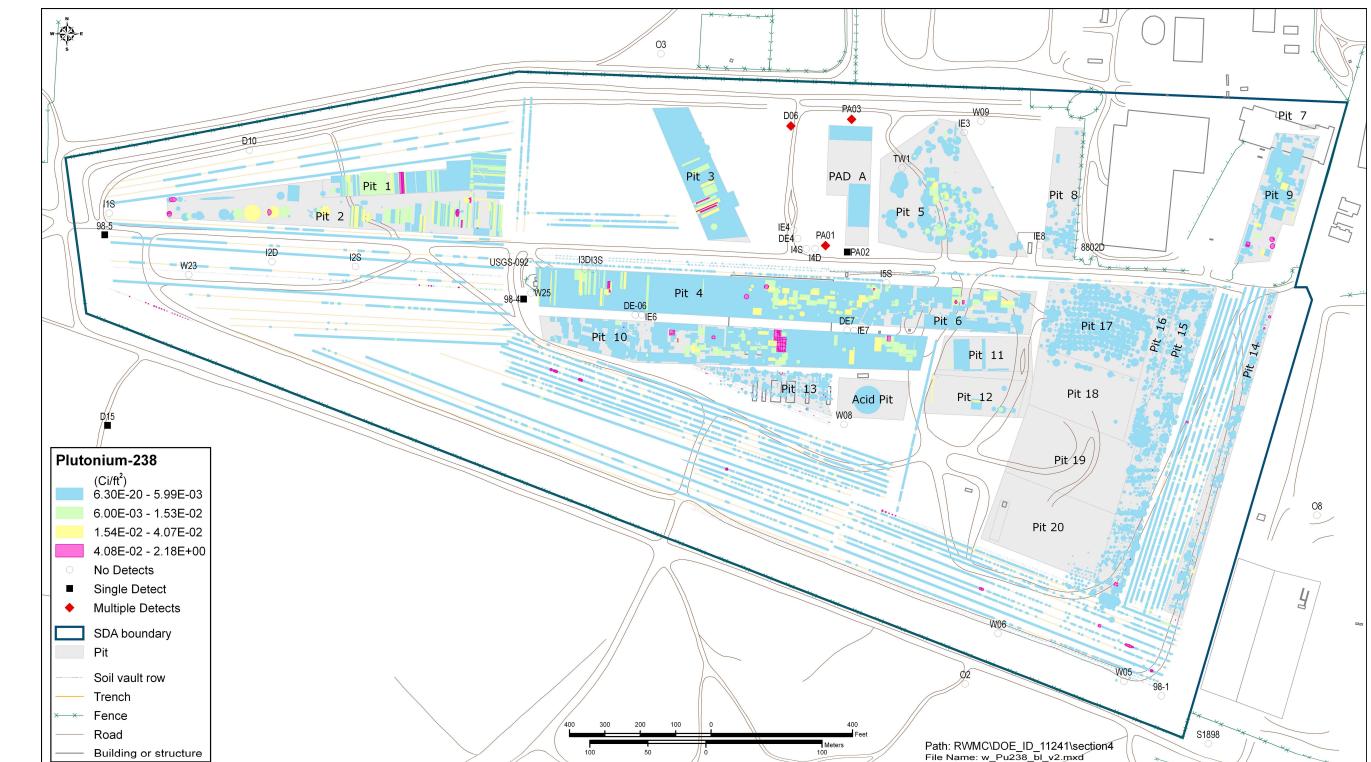
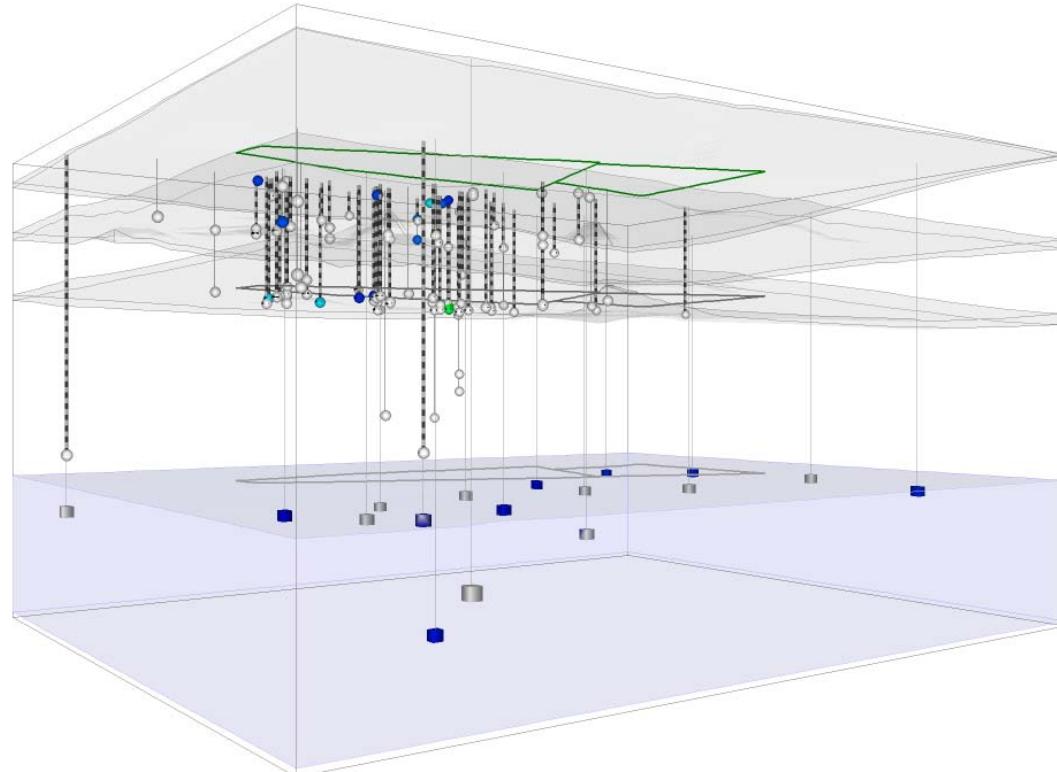
Vertical exaggeration: 5 times

- RWMC outline at land surface
- RWMC outline at B-C interbed surface
- RWMC outline at C-D interbed surface
- RWMC outline at aquifer surface

Ratio of positive samples/total samples

No detections	One detection	One sample
○	■	●

Cored monitoring well      Monitoring well



#### Waste streams containing plutonium-238.

Waste Stream Code	Portion in Waste Stream (%)	Inventory (Ci)	Waste Stream Description
RFP graphite	24.7	5.13E+02	Molds, crucibles, and scarfings
RFP Type III	17.5	3.65E+02	Filters
RFP Type I and V	16.5	3.43E+02	Debris
RFP LGW	13.7	2.86E+02	Line-generated waste (e.g., gloves and glove boxes)
RFP 741	11.0	2.28E+02	Series 741 and 742 sludge (inorganic first- and second-stage sludge)
RFP	5.3	1.11E+02	Other Rocky Flats Plant waste (see Table 4-5)
INL Site	11.3	2.35E+02	Other INL Site-generated waste (see Table 4-4)
<b>Total Pu-238</b>	<b>100.0</b>	<b>2.08E+03</b>	

Figure 4-101. Plan view and three-dimensional views of plutonium-238 detections in vadose zone core, lysimeters, and the aquifer.